

ABSTRACT OF THE DISCLOSURE

The present invention relates to treatment media for purifying water, and methods for forming such treatment media. Formation of the treatment media of the present invention entails heating an alumina substrate to a temperature in the range of 375°F to 300°F and then depositing a predetermined quantity and concentration of silver onto the activated alumina substrate such that silver ions are released and catalysis reactions occur, thus beneficially ensuring both an immediate and a residual germicidal effect to water that is treated by the treatment media.